

WHAT IS CLAIMED IS:

1. An image forming apparatus comprising:
an image bearing member having a first
glossiness in a first direction and a second
5 glossiness lower than said first glossiness for
bearing a toner; and

optical detection means including light-
emitting means and light-receiving means;

wherein a light emitted by said light-emitting
10 means is reflected by said image bearing member and
is received by said light-receiving means; and

an optical direction from said light-emitting
means to said light-receiving means is substantially
same as the first direction of said image bearing
15 member.

2. An image forming apparatus according to
claim 1, wherein said optical detection means detects
a toner density on said image bearing member.

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3. An image forming apparatus according to
claim 1, wherein said optical detection means detects
a mark on said image bearing member.

25 4. An image forming apparatus according to
claim 1, wherein said image bearing member is a belt
of an endless shape.

5. An image forming apparatus according to claim 4, wherein said belt is moved by rotation, and said first direction is perpendicular to a moving direction of said belt.

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6. An image forming apparatus according to claim 4, wherein said belt is manufactured by a drawing from a mold, and said first direction is a drawing direction of said belt.

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7. An image forming apparatus according to claim 4, further comprising a support member for supporting said belt, wherein said optical detection means is opposed to said support member across said belt.

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8. An image forming apparatus according to claim 1, wherein said image bearing member is an intermediate transfer member.

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9. An image forming apparatus according to claim 1, wherein an image forming condition for forming a toner image is controlled according an output of said optical detection means.

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10. An image forming apparatus comprising:
a belt produced by a drawing from a mold and

adapted to bear a toner image; and

optical detection means including light-emitting means and light-receiving means;

wherein a light emitted from said light-emitting means is reflected by said belt and is
5 received by said light-receiving means; and

an optical direction from said light-emitting means to said light-receiving means is substantially same as a drawing direction of said belt.

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11. An image forming apparatus according to claim 10, wherein said optical detection means detects a toner density on said belt.

15 12. An image forming apparatus according to claim 10, wherein said optical detection means detects a mark on said belt.

20 13. An image forming apparatus according to claim 10, wherein said belt has an endless shape.

14. An image forming apparatus according to claim 13, wherein said belt is moved by rotation, and a drawing direction of said belt is perpendicular to
25 a moving direction of said belt.

15. An image forming apparatus according to

claim 10, wherein said belt is an intermediate transfer member.

16. An image forming apparatus according to
5 claim 10, wherein an image forming condition for forming a toner image is controlled according to an output from said optical detection means.

17. An image forming apparatus comprising:
10 a transfer material supporting member having a first glossiness in a first direction and a second glossiness lower than said first glossiness for supporting a transfer material; and
optical detection means including light-
15 emitting means and light-receiving means;
wherein a light emitted by said light-emitting means is reflected by said transfer material supporting member and is received by said light-receiving means; and
20 an optical direction from said light-emitting means to said light-receiving means is substantially same as the first direction of said transfer material supporting member.

25 18. An image forming apparatus according to claim 17, wherein said optical detection means detects a toner density on said transfer material

supporting member.

19. An image forming apparatus according to
claim 17, wherein said optical detection means
5 detects a mark on said transfer material supporting
member.

20. An image forming apparatus according to
claim 17, wherein said transfer material supporting
10 member is a belt of an endless shape.

21. An image forming apparatus according to
claim 20, wherein said belt is moved by rotation, and
said first direction is perpendicular to a moving
15 direction of said belt.

22. An image forming apparatus according to
claim 20, wherein said belt is manufactured by a
drawing from a mold, and said first direction is a
20 drawing direction of said belt.

23. An image forming apparatus according to
claim 20, further comprising a support member for
supporting said belt, wherein said optical detection
25 means is opposed to said support member across said
belt.

24. An image forming apparatus according to claim 17, wherein an image forming condition is controlled according an output from said optical detection means.

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25. An image forming apparatus comprising:
a belt manufactured by a drawing from a mold;
and

optical detection means including light-
10 emitting means and light-receiving means;
wherein a light emitted by said light-emitting means is reflected by said belt and is received by said light-receiving means; and
an optical direction from said light-emitting
15 means to said light-receiving means is substantially same as a drawing direction of said belt.

26. An image forming apparatus according to claim 25, wherein said optical detection means
20 detects a toner density on said belt.

27. An image forming apparatus according to claim 25, wherein said optical detection means detects a mark on said belt.

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28. An image forming apparatus according to claim 25, wherein said belt has an endless shape.

29. An image forming apparatus according to claim 28, wherein said belt is moved by rotation, and a drawing direction of said belt is perpendicular to a moving direction of said belt.

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30. An image forming apparatus according to claim 25, wherein an image forming condition is controlled according an output from said optical detection means.

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